

# PEEX Research Collaboration Online Meeting/Seminar



University of Helsinki, Institute for Atmospheric and Earth System Research (UHEL-INAR)

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Moscow Institute of Physics and Technology, R&D Center for Environmental Monitoring (MIPT-CEM)

10 November 2021, Wednesday, 13-17+ pm of Helsinki time (14-18+ pm Moscow time)

## 13:00 – Block I

*moderated by Irina Obukhova, MIPT*

- 13:00 – INAR & GlobalSMEAR Initiative – Markku Kulmala, UHEL
- 13:20 – Research activities in the area of sustainable development at MIPT - Alexander Rodin, MIPT
- 13:40 – PEEX Programme: Science Plan and Research Collaboration – Hanna K. Lappalainen, UHEL
- 14:00 – ACTRIS & eLTER & SMEAR (Station for Measuring Ecosystem - Atmosphere Relation) - Tuukka Petaja, UHEL

*Break (14:20 – 14:45)*

## 14:45 – Block II

*moderated by Hanna Lappalainen, UHEL*

- 14:45 – High resolution laser heterodyne spectrometer for greenhouse gas monitoring network - Sergei Zenevich, MIPT
- 15:00 – INAR Multi-Scales and -Processes Modelling Approaches – Michael Boy, UHEL
- 15:15 – Atmospheric sounding onboard UVA and microsattellites: implications to large-scale monitoring networks. Iskander Gazizov, MIPT
- 15:30 – ICOS Finland – Annalea Lohila, FMI
- 15:45 – Science-oriented university education at MIPT – Irina Obukhova, MIPT
- 16:00 – Science-oriented university education at INAR (video) – Katja Lauri, UHEL

*Break (16:15 – 16:30)*

## 16:30+ – DISCUSSIONS

*moderated: Irina Obukhova (MIPT) & Alexander Mahura (UHEL-INAR)*

*involved Markku Kulmala/ Alexander Rodin/ Tuukka Petaja/ Irina Obukhova/ Risto Makkonen/ Iskander Gazizov/ Alexander Mahura*

**PEEX Science Plan** in English: [https://www.atm.helsinki.fi/peex/images/PEEX\\_Science\\_Plan.pdf](https://www.atm.helsinki.fi/peex/images/PEEX_Science_Plan.pdf)

in Russian: [https://www.atm.helsinki.fi/peex/images/PEEX\\_Science\\_Plan\\_rus.pdf](https://www.atm.helsinki.fi/peex/images/PEEX_Science_Plan_rus.pdf)

**PEEX Special Issue, Vol II:** [https://acp.copernicus.org/articles/special\\_issue1103.html](https://acp.copernicus.org/articles/special_issue1103.html) (manuscripts are welcome)

**PEEX Session at EGU-2022:** <https://peexhq.home.blog/2021/10/15/egu-2022-peex-special-session>  
(abstracts are welcome)

**GlobalSMEAR Initiative:** <https://www.atm.helsinki.fi/globalsmear>

**SMEAR Stations:** <https://www.atm.helsinki.fi/SMEAR>